

CLASS 6 : Arithmetic Worksheet

Sub Topic: Ratio

Q1. A team won 5 games and lost 3 games. Find the ratio of:

- (i) the games won to the games played. (5:8)**
- (ii) the games lost to the games won. (3:5)**

Q2. The length of a room is 6.5 m and its breadth is 3.9 m. Find the ratio of its length to its breadth. (5:3)

Q3. The cost of 3 kg of sugar is Rs 15.30. What will be the cost of 8 kg of sugar? (Rs 40.80)

Q4. The yield of wheat from 8 hectares of land is 280 quintals. Find the number of hectares of land required for a yield of 245 quintals. (7 hectares)

Q5. 4 meters of cloth cost Rs 106. How much would 15 meters of cloth cost? (Rs 397.50)

Q6. Simplify

- (i) $\frac{\sqrt[3]{64000}}{\sqrt[3]{512}}$**
- (5) $\frac{\sqrt[2]{3844}}{\sqrt[2]{196}}$ (**
- $\frac{31}{7}$)**

Q8. Find the square root of 5625. (75)

Q9. Find the cube root of 15625. (25)

Q10. find the ratio, in its simplest form, of

- (i) Rs 3.50 to Rs 10.50 (1:3)**
- (ii) 250 grams to 2 kilograms (1:8)**
- (iii) 63 cm to 4.41 m (1:7)**
- (iv) 6 hours to a day (1:4)**